

CLAIM AMENDMENTS:

Please amend claims 1-3, 5-6, 8-11 and 14, as follows:

1. (Currently Amended) A scanner, comprising:

a housing;

a carriage which is movable inside the housing; and

a scan-starting device, ~~which is used to start~~ for starting the scanner to proceed scanning, the scan-starting device comprising:

a trigger section situated on the carriage; and

a key section, ~~situated on the housing for the user to press down; and , for acting~~
on the trigger section to enable the trigger section to output a signal to start the scanner to
proceed scanning, wherein the key section comprises:

a key, which is installed on a panel of the housing; and

an extension part, extended from the key and through an opening of the
panel, for moving back and forth inside the panel to trigger the signal from the trigger
section.

~~a triggering section situated on the carriage and is used to receive the triggering coming from the key section to start the scanner to proceed scanning.~~

2. (Currently Amended) A scanner according to claim 1, wherein the key section comprises: a key, which is installed on a the panel of the housing via an elasticity device; and a plate, which has the extension part has a hole passing through the panel to join-up with the key to form a unity, and is movable back and forth inside the panel.

3. (Currently Amended) A scanner according to claim 2, wherein the ~~triggering~~ trigger section comprises a sensor, the sensor comprising an emitter and a receiver, installed on a circuit board of the carriage, wherein the emitter continuously emits a sensing signal.

4. (Original) A scanner according to claim 3, wherein the sensor is an infrared sensor.

5. (Currently Amended) A scanner according to claim 3, wherein ~~the emitter~~ continuously emits a sensing signal allowing the receiver to start the scanner if the sensing signal is received by the receiver when the user presses the key and moves is being suppressed to move the hole to a position between the emitter and the receiver, such that

the sensing signal transmits through the hole from the emitter to the receiver and the receiver starts the scanner to proceed scanning.

6. (Currently Amended) A scanner according to claim 5, wherein when the carriage is back to a home position near the panel, ~~a plate's solid section~~ the extension part is inserted between the ~~infrared sensor~~ emitter and ~~infrared sensor~~ the receiver with the hole out of the position, ~~making the infrared sensor receiver change its status from infrared receiving to non-infrared receiving,~~ such that the sensing signal emitted by the emitter is blocked by the extension part and the receiver thereby ~~generating~~ generates a halt-triggering signal which brings the carriage back to the home position and halts it.

7. (Original) A scanner according to claim 2, wherein one end of the elasticity device is fixed to the outer edge of the panel while another end to the key.

8. (Currently Amended) A scanner according to claim 1, wherein the ~~key-section~~ extension part is ~~a key with a rod section; the key is installed in a panel of the housing with the rod section passing through the panel, allowing the key to move back and forth in the panel.~~

9. (Currently Amended) A scanner according to claim 8, wherein the carriage comprises a circuit board while the ~~triggering trigger~~ section is a start-triggering switch installed on the circuit board.

10. (Currently Amended) A scanner according to claim 9, wherein a force exceeding a fixed value is exerted on the key to actuate the start-triggering switch ~~is not triggered unless the force exercised on the key by the user exceeds a fixed value.~~

11. (Currently Amended) A scanner according to claim 8, wherein the circuit board further comprises:

a first conductor and a second conductor, which are electrically connected to a home position suspending circuit of the circuit board; and

a third conductor, which is installed on ~~the~~ an inner-surface of the panel and corresponds to the first and second conductors, forming a channel together with the first conductor, the second conductor, and the home position suspending circuit when the carriage returns to ~~the~~ a home position near the panel, thereby allowing the first and the second conductors to contact the third conductor, in the meanwhile, the home position suspending circuit generates a channel signal ~~to be sent~~ to the circuit board to bring the carriage to the home position and halts it.

12. (Original) A scanner according to claim 11, wherein both the first and the second conductors are arc-shaped.

13. (Original) A scanner according to claim 12, wherein the longitudinal length for both the first and the second conductors is of a first length, and the key's rod section is of a second length greater than the first length.

14. (Currently Amended) A scanner, comprising:

a housing;

a carriage, which is movable inside the housing; and

a homing device, which is used to bring the carriage to a predetermined home position, the homing device comprising:

a trigger section, which is situated on the carriage; and

a rod section, which is situated on the housing, wherein the carriage keeps moving until the rod section touches the trigger section ~~under the homing mode of the carriage.~~

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